

FIELD DAY
FRIDAY



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Volume LIV. No. 38

CAMBRIDGE, MASS., TUESDAY, OCTOBER 23, 1934

Price Three Cents

DRIVE LENGTHENED THROUGH TODAY AS T. C. A. FAILS GOAL

Drive Ends Officially At 5:00
Today; Late Contributions
Accepted At Office

\$1509.68 IS COLLECTED
TO YESTERDAY EVENING

Grant Statement Is Optimistic;
Sees At Least \$2,000
As Final Sum

In a final effort to reach their goal of \$2870, the leaders of the T.C.A. drive have decided to extend the drive an extra day, it was announced last night by G. Peter Grant, '35, president of the T.C.A. This decision was made after a compilation of figures showed that up to six o'clock yesterday \$1509.68 had been collected, falling short of the mark by \$1360.32. Although the next seven hours will see the final spurt as the campaign is brought to a close at 5:00 o'clock today, contributions will still be accepted at the office of the T.C.A. after that time.

Grant Optimistic

In a statement to THE TECH last night, Grant said: "We are very much behind last year's mark, but we hope to get at least \$2,000. If everyone will help us out in this final day of solicitation, we may reach the goal."

According to the classification, the fraternities lead the dormitories and
(Continued on Page 6)

PAY CUT PROTESTED BY STUDENT WORKERS AT F. E. R. A. MEETING

National Student League Moves
To Raise Wages After
25 Per Cent Cut

Voicing protest against a recent 25% wage cut, student workers met last Friday in Room 4-270 to discuss plans for raising their weekly pay.

Previous to this pay cut students earned such a wage "as is commonly paid by the institution for the type of service rendered but not less than thirty cents an hour." M. I. T. set this wage at forty cents an hour with a maximum of fifteen dollars a month that can be earned by one student. The rate has now been reduced, however, to a flat rate of thirty cents an hour.

Organize Nationally

At the meeting it was proposed by members of the National Student League that a group should organize on a national scale to better the condition, with the National Student League taking the initiative. The opinion was voiced that a minimum rate of fifty cents an hour should be established throughout the United States, with a minimum for laboratory and research assistance correspondingly higher, providing a maximum wage of thirty dollars a month.

(Continued on Page 4)

Dormitories Aid Search For Biblical Quotation

It doesn't happen often that a newsroom needs to use the Bible as a reference book, but when it does, it needs it badly. A reporter's search for one in the newsroom bookshelf proving vain, he called Walker Memorial Library for the book. The librarian professed knowledge of the book in question, but investigation of the files showed that Walker did not include it.

Not to be defeated in his purpose, the reporter called the dormitories and tried two residents at random. Neither had copies but referred the newsman to other dormitory men who might have the information wanted. The third man to be questioned volunteered to bring his copy to the newsroom, and finally the book which has dominated human thought for centuries came to light.

THE TECH'S STAFF ATTENDS BANQUET

Professor Burdell, '20, Main
Speaker, Discusses Earlier
Days At Technology

Sixty-five members of THE TECH attended a staff banquet at Durgin Parks Hayward Place Restaurant last Friday evening. The principal speaker at the dinner was Professor Edwin S. Burdell, '20, who discussed some phases of the post war period at Technology. He was editor of THE TECH during his senior year, in a period when the *Tech Engineering News* was organized to handle the increasing volume of news and feature material.

Tells of "Mr. Smith"

The major part of his talk concerned the disclosure of the identity of the
(Continued on Page 6)

FACULTY CLUB HAS FALL DINNER DANCE

Annual Formal Party Will Be In
Main Hall of Walker

Tomorrow evening the Technology Faculty Club will hold its annual fall dinner party. After a formal dinner at 6:45 in the Main Hall of Walker Memorial, members of the faculty and their guests will be entertained by a series of athletic events in Walker Gymnasium. At 9:30 a dance will be held in North Hall. Bridge will be available in the Faculty Lounge for those who desire to play.

Organized in 1919 for the promotion of good fellowship among its members and for the consideration of any subject of common interest, the Faculty Club is active in dinner meetings with distinguished guests as speakers, in social affairs, in joint meetings with the Alumni Council, and in promotion of athletic tournaments. Active membership in the club is open to all members of the instructing staff.

ROWE TELLS PLANS FOR QUADRILATERAL REGETTA IN SPRING

Boat Race At Worcester Would
Include Cornell, Columbia
and Dartmouth

TWO OTHERS SCHEDULED

Arrangements for a quadrilateral crew regatta with Dartmouth, Columbia, and Cornell are now under way, it was revealed by Dr. Alan W. Rowe speaking before members of the Tech Boat Club at a banquet last Friday. It is planned to hold the regatta on Lake Quinsigamond in Worcester in the spring. "The course at Worcester," said Dr. Rowe, "is the best two-mile course in the country."

Two other regattas are scheduled for the coming season. They are with Yale, also on Quinsigamond, and with Princeton and Harvard for the Compton Cup, to be raced this year on the Charles.

Praises Outside Activity

Dr. Rowe stressed the value of extra-curricular activity to the crew men. He reminded them that rowing is a team proposition and that every man plays a part, which is an absolutely necessary one for the life of the boat in which he rows.

In closing Dr. Rowe expressed the feeling that the rowing situation augured well for the coming season, and extended sincere greetings from the Alumni for success this year.

Following Dr. Rowe, Coach Bill
(Continued on Page 6)

MUSICAL CLUBS PLAN TO REPEAT NATIONAL BROADCAST PROGRAM

Vacancies Appear In All Clubs;
Candidates May Apply
At Rehearsals

Repetition of last year's national broadcast by the Combined Musical Clubs is planned for next spring, according to an announcement by the Musical Clubs management yesterday. Last April the M. I. T. Musical Clubs, in conjunction with the Wellesley Musical clubs, broadcasted over a coast-to-coast hook-up, and received many favorable comments on the program. Plans are also under way for a series of broadcasts over a local station during the winter.

Candidates for the musical clubs may present themselves at the rehearsals of the separate clubs which are as follows:

Glee Club—today at 5 o'clock, Room 10-250.

Banjo Club—today at 5 o'clock, West Lounge of Walker Memorial.

Orchestra—tomorrow at 5 o'clock, East Lounge of Walker Memorial.

EATON DIES, LEAVES \$1,000 TO INSTITUTE

Bequest Commemorates Brother
Noted Harbor Engineer

Technology was named as recipient Eaton, of Haverhill, who died on October 16 at his home. The bequest was made in memory of Mr. Eaton's brother, Charles W. Eaton, '85, and is, in the words of the testament, "In recognition of the generosity and kindly interest manifested toward me."

Charles W. Eaton, also of Haverhill, was graduated from the Institute in 1885 as a Mechanical Engineer. He later made a record as a Harbor Engineer. During his life-time, he gave over \$200,000 to the Institute, which was divided chiefly between undergraduate scholarships and improvement of Camp Technology, the summer surveying camp.

Plans to Kidnap Sophomore Class President Abandoned

Plans to kidnap James R. Thomson, '37, Sophomore Class President, were made and abandoned last night. THE TECH spoke to Thomson, however, and found that he was about to sit down comfortably to eat at about 7:30 P. M.

Although it was not discovered why the attempt was abandoned, it is possible that Field Day rules may have been the cause. These rules state that if a member of any athletic team is kidnapped, the class that is responsible for the kidnapping automatically loses Field Day.

At a late hour last night, however, Thomson's fraternity brothers at the Phi Gamma Delta house had made preparations for defense. The rule concerning kidnappings does not apply to other class officers, who are not members of teams. They are Vice-president James Newman, Secretary Howard B. Bishop, Treasurer Joseph H. Church.

DANCE DECORATIONS TELL HECTIC STORY

Annual Dorm Field Day Dance
Expected To Climax Day
Of Stirring Events

Remembrances of a hectic Field Day will form the decorative scheme of the Dormitory Dance to be held in Walker Memorial from 9 'till 2 this Friday, October 26. Oars and football shirts, gloves and batons, "The Rope"—all will be woven into the picture, and above all will be the day's score, emblazoned in freshman ties.

In this atmosphere of rivalry, Jimmy Carmody and his Musical Mariners will hold sway, fresh from a successful season at the *Fo'c'sle*. Entertainment and singers are also on the program.

This dance, the first informal Dormitory Dance of the year, is open to everyone, and tickets are \$1.50 a couple. It is expected that, as in previous years, a large crowd will be present.

Hold Open House

Open House will be held in the dormitories in connection with the dance, and will continue from 2 to 11 P. M.

Chaperones at the dance will be Prof. and Mrs. Jack, and Mr. and Mrs. A. A. Lawrence. Dr. and Mrs. Karl T. Compton, Dean and Mrs. Pitre, and Prof. and Mrs. Hamilton are the invited guests.

Cigarettes Smoked at Technology Every Year Stretched End to End

Work Done By Students in Study
Each Year Could Raise Entire
Instructing Staff 200 Feet;
Commuters Travel 1,800,000
Miles To and From School.

If laid end to end, the total number of cigarettes smoked by Technology students in one year would nearly reach from Boston to Atlantic City.

We arrive at this conclusion by assuming that the average student, of which there are about 2600 at the Institute, smokes about three-quarters of a package per day. Multiplying 2600 by three-quarters, then multiplying by 20, the number in each package, and finally by 2.75, the length of a cigarette, we obtain 107,250 inches of cigarettes per day. Dividing by 12, multiplying by 365, and again divid-

FIELD DAY SPIRIT REACHING CLIMAX AS BATTLE NEARS

Both Classes Present Strong
Teams In Crew, Football,
Relay, Tug-of-War

FINAL MASS MEETINGS
TO BE HELD THURSDAY

Dedication Of Edmund Barbour
Field House Preceeds
Afternoon Events

Enthusiasm and inter-class spirit will be at a climax at five o'clock Thursday, the day before Field Day, when final mass meetings will be held by each of the contesting classes; Sophomores in Room 10-250 and freshman in 5-330.

Recent indications point toward strong frosh teams in crew, football, and relay. Sophomore teams, however, are strong in football, relay, and tug-of-war. The 1934 Field Day promises to be a keen and spirited contest.

First contest of the day will be the crew race on the Charles at 7:15 in the morning. At 1:30, after the dedication of the Barbour Field House, the first pull of tug-of-war will begin followed by the first period of the football game. The relay race will start at about 2:30. The second pull of the tug-of-war will begin at 3:00, after which the football game will be finished. If necessary, a third pull of the tug-of-war will follow the football
(Continued on Page 6)

PERCENTAGE OF FROSH ENROLLED IN SPORTS LOWER THAN IN 1933

Total Jumps From 326 To 339
But Is Smaller Fraction
Of The Enrollment

The percentage increase in the number of freshmen who signed up for first term sports this year over the number who signed up last year, does not quite equal the percentage increase in the total enrollment of the freshman class over last year. All but three of the nine sports, however, show more freshmen out this semester than in the first semester last year, figures released yesterday by H. P. McCarthy show.

Fencing, swimming, and wrestling are the three activities which will have to get along with fewer freshmen. Fencing took the biggest loss, dropping from 24 last year to 12 this year.

On the other hand, squash jumped from 46 to 67, while crew gained
(Continued on Page 6)

Statement of Policy

In the *Dorm Rumor* of October 19, 1934, there appeared the statement that news concerning the dormitories published in this paper must first be approved by the Chairman of the Dormitory Publicity Committee.

This is a falsehood. There does not now exist, nor did there ever exist any agreement with the dormitories or any other body relative to censorship of our printed matter.

THE TECH, a member of the free press as guaranteed under the Constitution of the United States of America, recognizes no censoring authorities save those of the laws of libel, good taste, and public morals.

(Signed) Volume LIV, THE TECH.



Vol. LIV

OCTOBER 23, 1934

No. 38

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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In Charge of This Issue: Robert E. Katz, '37

GENTLEMAN'S FRUIT

FIELD DAY

FIELD DAY, so the graybeards say, was originally started as a means of instilling spirit into a student body sadly shaken by the war and to create traditions which a Technology of some fifty years of age lacked.

It is probably fair to say that by now although feeling cannot be described as exactly "high", Field Day is a tradition whose place in undergraduate life cannot be denied. With the passing of the old "Tech Show" and "Tech Circus", Field Day, through default, might even be named as our leading tradition.

At any rate it is now customary for the two lower classes to meet on the grounds, at an appointed time and throw at each other fruit and vegetables inadequately described as "old".

We wonder if it has also become tradition for them to throw not visiously, nor in a malicious spirit, but with the gentleman-like attitude that only a Technology student could show in throwing deceased vegetation.

But this is an affliction common not to Technology. Everywhere old grads bemoan the passing of the old school that could throw things with a meaning. Perhaps they exaggerate; perhaps we are decadent; perhaps it points even to the idea that students of 1934 are more serious. Tuition money does not come as easily as in the old days.

BRAIN PAIN

TECHNICAL EDUCATION

THE majority of the students at Technology will agree that a technical education is an ordeal. Compared with a more liberal program of studies, science and engineering offer a peculiar kind of difficulty which is experienced by all but an exceptionally gifted few of those engaged in their mastery. The sources of aggravation in a technical education resolve themselves generally into two parts, those involving the determination of how to do the tasks assigned, and those involving the labor and tedium of their actual performance.

Most students find little ultimate difficulty in understanding the subject matter of the various mathematical, scientific, and engineering subjects which they study, so well developed are the methods of teaching them. It is only when the student must apply the principles he learns to new problems of a complicated nature or must formulate the problems themselves, that the pain of learning becomes acute. Yet the application of scientific knowledge to new problems is the essence of engineering and the only way one can gain facility in this is by frequent practice.

The reason for the average engineering student's tribulations is not the inadequacy of the instructors or instruction, nor is it the perversity of the student. It is the sharp contrast

between the exact and quantitative methods of thinking required in the sciences and the loose, more qualitative mental processes to which the student has been accustomed from infancy. Any psychologist will affirm that the creation of new habits of mind is a painful process. The jolt of transition can be eased only by the cultivation of maximum mental efficiency through proper habits of study.

The second source of unpleasantness, the great amount of tedium to be found in such subjects as analytic chemistry and in the preparation of laboratory reports, is of more doubtful value. A certain amount of it is no doubt necessary, but in most cases the quantity of such work at Technology far passes the point where the law of diminishing returns sets in and renders much of it wasteful.

Perhaps in another century or so the science of educational psychology will have developed to such an extent that embryonic engineers will be able to get their training by swallowing wafers of the proper composition, as in the Gulliver legend. Until then, however, a technical education will be of necessity a long, hard grind.

NO CENSORSHIP

REPLY TO A RUMOR

WHATEVER satisfaction we received from noting the improved tone of *The Dorm Rumor's* last issue, was partially vitiated by a five inch item which deserves further comment. In this story the editor "refuted" three points in our editorial of October 9th, made one false assumption and published a libelous statement.

As to the "refutation", a second and more careful reading of our editorial will clear up the points in question. More serious is *The Rumor's* statement, "Our policy . . . , has been to keep entirely out of Institute affairs unless they have a direct bearing on dormitory activities, and we ask in all fairness that organizations outside the dormitories reciprocate in regard to our affairs."

Whatever the policy of *The Rumor*, THE TECH, and all other newspapers in countries having a free press have the right to comment on any institution in the world as long as neither the laws of the state nor the dictates of good taste are violated. Criticism, a duty in many cases, is the disinfectant that helps to cure abuse and prevents stagnation that may lead to greater evils.

Most serious is a direct libel which was labeled point two. "Secondly," said *The Rumor*, "all news concerning the dorms is, according to an agreement made with THE TECH supposed to pass through the chairman of the Dormitory Publicity Board."

Elsewhere in this issue is a photostat of the only contract or agreement existing between THE TECH and the dormitories. We can also quote a passage from the Constitution, By-Laws, and Regulations of the Dormitory Committee which gives as the purpose of the Publicity Committee, "To keep in touch with dormitory activities and gather data, pictures, etc., for the dormitory section of *Technique*."

This paper is under no obligation to print or not to print any news or opinions whatsoever. The Managing Board, and only the Managing Board, bears the responsibility for whatever appears in these columns. There is no censorship, formal or unofficial, over THE TECH.

We wish it to be understood that this criticism is leveled directly at *The Dorm Rumor* and not at the dormitory residents whose interests we shall continue to serve in all ways we consider proper, as we did in our editorial.

Sundry commas and capitals have been added to quotations for *The Rumor* in order to make them conform to good newspaper practice.

CONTEMPORARY

A NEW VOO-DOO

MONDAY, our freshmen were first greeted with *Voo-Doo*. Monday, also, the rest of the school was given a preview of what may become the third era in the life of the "funny magazine."

Originally, *Voo-Doo* was the official comic sheet. But the rapid influx of smutty stories, effected a slow, yet apparent, change as *Voo-Doo* stressed too much "humor" relating to certain private biological functions. As long as dirt was in demand, the magazine prospered. Now, with the *New Yorker* and *Esquire* replacing *Bally-hoo* and *Film Fun*, the demand for Phosphorous' work has declined.

The pathos of seeing *Voo-Doo* appear two weeks late, of seeing a much thinner volume at fifteen cents might possibly give way to elation. Stories on the level of "The Conscience and the Mattress" in last issue will, if continued, substitute literature for filth, humor for the ridiculous, and thereby revive *Voo-Doo* as an undergraduate activity.

Only Agreement With Dormitories Shown Here

CONTRACT

October 2nd, 1934

THE TECH agrees to supply the undergraduate section of the Dormitories with four hundred and twenty-five copies per issue of THE TECH, @ [redacted] for the first term of the school year 1934-35.

Per. John D. Hossfeld, '35
 For THE TECH

Per. John S. [redacted]
 For The Dormitories

Above is a reproduction of the only contract or agreement between THE TECH and the dormitories or any dormitory group. This contract refutes statements to the effect that THE TECH had an agreement which allowed the chairman of the Dormitory Publicity Committee to censor or otherwise alter news appearing in THE TECH.



Tech Circus

Tech Circus, formerly THE big event of the school year, has again been brought to the student body's attention by an Open Forum letter in a recent issue of THE TECH.

We remember vividly the last Tech Circus. Almost as important as the Circus itself were the events leading up to it.

Curious Co-eds

For example, there was the petition of the co-eds of the Institute to attend the Circus. An announcement issued by the Circus committee made public a petition purporting to be from a number of co-eds, asking that the "no women allowed" tradition be suspended. Investigation by angry feminine students revealed that the petition was a hoax, written by the committee itself. "We don't want to go to your old circus," the co-eds are quoted as saying.

Filter Paper

Then there was the *Filter Paper*, Technology's burlesque tabloid. Outlawed some years previously, it was hinted that issues would be sold the day of the Circus. A reporter on THE TECH, was successful in scooping the *Filter Paper*, by obtaining a cut which the publishers planned to run as half of a composite picture in the latter paper. The cut was run in THE TECH much to the chagrin of the publishers of the illegitimate *Filter Paper*. *Filter Paper* was finally published and as warned, action was taken against students connected with the publication, five being suspended from all activities for their entire Institute lives.

In Reminiscence

Such was the excitement of the last Circus in 1932 Profs in hobo's clothes, freshmen in the menagerie, a burlesque show, professional wrestling, a pseudo-ferris wheel, THE TECH bar, all of these may yet return for the greater pleasure of Technology's student body.

Beautiful Girl

We don't want to set ourselves up as experts on feminine beauty, of nutrition and hygiene. All we know about hygiene is that it means brush your teeth twice a month, see your dentist when you can pay up your back bills. And as for nutrition, we know that spinach is nutritious, and if you eat enough you will get to look like Popeye the Sailor, which is a very good reason for keeping away from it.

We do feel, though, that we should take exception to some of the points set forth by that professor of hygiene in a recent issue of THE TECH. Otherwise, someone is sure to complain that THE TECH has been straying from the straight and narrow path again. The Sophomore football team has been keeping an eye on us anyhow ever since we ran their average weight as 180 pounds. But from the way some of them are known to eat, we still think the figure is accurate as a post-repast average.

"Hold That Spine, Miss."

To get back to the pulchritude rating, we feel that the worthy professor knows a good deal more about the

theoretical rating of the fairer sex than the practical application of his theories. For example, he has forgotten to mention that unless the young lady is a good sport, it would be quite impossible to successfully give her a rating. Consider point "J", "Good lines, and grace while seated." Well, that part is simple enough to ascertain. But continuing "lower spine against chair-back." We repeat, the young lady will have to be a darn good sport if you're going to find out if her lower spine is touching the chair-back.

Pedicular Sex-Appeal

The pedant also requires that "feet be properly shod, low broad heels, flexible shank." We like that expression, "flexible shank." The toes must be able to spread apart, and the inner border of the bare foot must be a straight line from heel to end of big toe. We absolutely defy the learned man to produce a female who will permit the above examination merely to find out that she is beautiful. Especially as she has known it all along.

We also object to the requirements for teeth. They must be well cared for, and meet properly. But false teeth also pass this test. And finally, who wants a perfect girl friend anyhow. It seems to us a darned good way to work up an inferiority complex.

Military Genius

It happened in the Sophomore R. O. T. C. lecture. Capt. Hyde, after eruditely explaining the use of scales on maps, called the class' attention to the apparent great width of roads on the maps. Then singling out one very uninterested dx of his audience, he remarked, "Mr. Blank, if you were examining a map and found that the roads had not the proper proportions of width, what would you conclude?" "Why sir," asserted Blank vehemently, "I would conclude that they were not to scale." Bright persons, these Sophomores.

WITH THE AMERICAN COLLEGE EDITORS

The Evolution of College Student

Among the many stupendous changes taking place in the world today, is the evolving of a new type of college student. If one will open his eyes and observe, he will note that he is being permitted to witness an upheaval in the development of the younger generation.

The war era and its succeeding, approximate fifteen-year period brought to us a swift, giddy, and thoughtless group of people. The college student is not different or worse than the rest of the population but gives you an emphasized view of the trends of the day. As usual the college men and women have done their part to impress upon us the foolishness and unsteadiness of the post-war period.

However, anyone who has been thrown with the college group for the past three years has noted a change. The "rah-rah" boy is already "old stuff". It has long been unfashionable at the better schools to engage in the unreasonable type of football rallies. The bearcat run-about and the con-skin overcoat are alike in abeyance. Cheer leaders still hold forth at the big games but mostly for the delectation of the alumni in search of their youth. Most striking and amazing of

(Continued on Page 3)

CO-EDGEWISE

The article on "Score Your Girl Friend" created quite a stir in feminine circles. Resenting the masculine monopoly on scoring the opposite sex on the basis of attractiveness, Simmonsites immediately retaliated by drawing up a set of qualification for boy friends. An article in the Boston American entitled "A Man's a Man" enumerated the qualities necessary for an ideal man, ending in the statement to the effect that there is no such animal.

Make Scientific Analysis

Tech co-eds deplored the very unscientific analysis of masculine standards. The discussion of what scientifically goes to make up the ideal male was impeded by the general agreement that he is a theoretical, nay, mythical character. Heated argument brought forth the following grades in answer to the feminine score card:

- 50 (a) In the habit of appearing in class Monday morning; 25 for merely appearing; 10, eyes clear and bright; 5, hangovers not more than once a week.
- 10 (b) For shaving at least once a week.
- 5 (c) No mustache. (Mustache considered unsanitary.)
- ½ (d) For not smoking.
- 1½ (e) Carefully manicured finger nails. (No nail polish used.)
- 1 (f) Deep resonant voice.
- 5 (g) Well combed hair. (No supplementary goo.)
- 2 (h) Trousers pressed at least once a year. (If corduroys are worn they should have relatively few patches.)
- 10 (i) Sense of humor.
- 10 (j) Height: at least six feet.
- 10 (k) Loyal supporter of Alma Mater.

5 (1) Appearance of Southern gentleman.

Dislike Hairy Chests

No points were awarded to Simmons' hairy chested individuals because hair on chest is not an indication of virility. The Simmons article also stated that imperfections in features are welcome, the writers feeling that they made for a little less conceit. Tech co-eds are of the opinion that no degree of flaws in the physiognomy of Tech men can destroy their superiority complexes. Contrary to Simmons sentiment, smoking in a man is not a desirable characteristic, but only one-half point is deducted from his score if he is guilty of this widespread vice.

With The American College Editor

(Continued from Page 2)

all is that the undergraduate is beginning to admire mere scholarship!

The day of the "polite moron" seems distinctly past. Time was when the impeccable frame of this personage loomed large upon the campus horizon. Mere grinds, book-crackers, and scholars were dirt before his elegance. He trod the campus amid the jingle of many watch-chain keys, the aimless flop of the 20-inch bell bottoms, and the aroma of gin, perfume, and ignorance. But his day is definitely doomed on the campus. Somehow it has taken the depression to suggest to young men and women that one doesn't succeed in life by failing in college and that courtesy and smartness in the polite sense make the gentleman and the lady. Such is the evolution as it walks hand in hand with fate and time.

—Kentucky Kernel

JUNIOR CHOSEN AS MEMBER OF HONOR ELECTRICAL GROUP

Sixteen Already Members Of Group Working Under New Plan

Max R. Saslaw, '36, has been chosen as a member of the honors group in the department of electrical engineering, it was announced at the Institute yesterday.

Under the honors group plan of the department, students of high scholastic standing are allowed considerable freedom from class attendance and routine assignments. With the advice and guidance of faculty members, they carry on their studies largely on their own initiative. The plan is designed to foster original thinking and intellectual self-reliance.

The honors group now includes two seniors, Alexander R. Applegarth, Jr., of Freeport, N. Y., and John Thorpe, of Needham, and 14 members of the junior class. They are Mr. Saslaw, Philip Gilinson, of Lowell; Bernard J. Cosman, Newburyport; Henry T. Gibbs, Revere; Martin A. Gilman, Hartford, Conn.; Edward S. Halfmann, N. Y. C.; Walter K. MacAdam, Sea Cliff, N. Y.; Charles J. Rife, Lemoyne, Pa.; Luigi L. Robinett, Jr., Bayside, N. Y.; William R. Saylor, Newark, N. J.; Albert E. Whitcomb, Somerville; Jackson H. Cook, Lexington; John J. Hibbert, Harding; and Harry T. Pekin, Salem.

Undergraduate Notes

Captain Louis Shane will speak at a dinner meeting of the Naval Architecture Society, which will be held at 6:15 o'clock today at the Boston Yacht Club, on Rowe's Wharf.

CATHOLIC CLUB HOLDS MEETING NEXT THURS.

Labor and its relations to the employer, the Church and the State will be the subject of discussion at the meeting of the Tech Catholic Club next Thursday at 4 o'clock in Room 10-267. After a presentation of the subject, the meeting will be open for questions and discussion by those who wish to participate.

This continues the policy inaugurated last year of presenting the Catholic point of view on important topics of current interest. A question box will be provided for suggestions of topics for future meetings which will be held every two weeks. The club invites all its non-Catholic friends to attend these meetings.

GEOLOGICAL SOCIETY MEETING TOMORROW

Dr. J. A. Sharpe Will Speak On Deep Focus Earthquakes

At the Technology Geological Conference's first meeting of the year tomorrow at 4:00 o'clock in Room 4-345, Dr. J. A. Sharpe will speak on "The Geologic Implications of Deep-Focus Earthquakes."

Dr. Sharpe came to the Institute from the University of Wisconsin on a Rockefeller Foundation fellowship. While at Wisconsin, Dr. Sharpe was engaged in compiling and interpreting seismic data on deep-focus earthquakes. At present, under Professor T. B. Slichter of the Geology Department, he is continuing research along the same lines.

The Geological Conference is composed of the students and professors of the Geology Course. The meetings are open to all interested persons.

MISS HATTIE GATES IS HOSTESS AT TEA

Mrs. Karl Compton Aids In The Reception Of Women Students

Women students were the guests at a tea of the Technology Women's Association last Friday in the Emma Rogers room. Miss Hattie L. Gates, the president of the Association, was aided in the reception of her guests by Mrs. Karl T. Compton. Also present to add their greetings to those of Mrs. Compton and Miss Gates were Mrs. Erwin H. Schell, President of the Technology Matrons, and Mrs. John H. Fellowes, president of the Technology Dames.

All guests wore name tags to eliminate formal introductions. Refreshments were served while the co-eds and their hostesses compared notes on Institute life.

According to the Yellow Jacket, the average Randy-Macon student during his four years smokes 14,400 cigarettes, eats 36,000 pounds of candy, shakes hands 2,300 times, walks 360 miles to the post office, dances 12.68 miles, goes to Richmond 235 times, sleeps 5,880 hours, studies—when there is nothing else to do.

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WEATHER LOWERS ATTENDANCE AT FOOTBALL DRILL

Sophomores Lose Scrimmage To Harvard Freshmen, 6 to 0

2 CASUALTIES MAR PLAY

Field Day spirit of both classes was somewhat damped last night largely because of the weather, as shown by the meagre attendance at both freshman and Sophomore football practices. With the day of the clash not far off, the enthusiasm usually rampant at this time of the year, has failed to appear.

The Sophomore team lost its second scrimmage game last Friday afternoon when it trailed the Harvard freshman team 6-0. The game was marred by two casualties, one for each team. Avondoglio of Tech was taken out of the game after he had been hit hard by two Harvard yearlings on an end-around play. The Crimison first year man was injured later in the play when he attempted to stop the Tech quarterback, Webb, on a line plunge.

Sophs More Experienced

Experience will be the main factor in favor of the second year men and may determine the outcome on Friday. Where they have had two scrimmages with outside teams and have the advantage of having played together for two years, the freshmen have no scale by which to measure their ability. The attendance at practice reached a low last night when not a single yearling showed up for practice. There are a number of players however who claim to have gained experience with their High School teams.

MYSTERY OF MUSICAL BELLS IS UNRAVELED

Signals From Superintendent's Office Call Janitors

Chiming musically every now and again, bells of a mysterious nature interrupt the silence of the Institute's halls by sending out cryptic messages to the far-flung corners of Technology. Not to be confused with the harsh and jangling bells that summon students to class, these have a musical ring like the striking of a clock and are signals to inform certain janitors to call the office of the Superintendent of Buildings and Power. Summoned thereby, a janitor calls the Superintendent's office and is given an assignment without having to report periodically to headquarters.

These signals are sent out from the main office by a mechanism composed principally of cams. The Institute buildings are divided into districts, one of the bells being installed in each district.

Instructions Are Issued

The signal system is used as a quick means of issuing instructions to both janitors and Institute employees. For example, if a professor in Building 1 has some furniture to be moved or has some repairs to be made he calls the Superintendent's office and asks to have a janitor sent to do the job.

A special signal is then sent from the office over the signal system to a janitor in the district in Building 1 nearest the office of the professor who wishes the assistance. When the janitor hears his signal, he is supposed to go to the nearest telephone and call the Superintendent's office to receive instructions.

Used to Summon All Janitors

In case of a fire, a fire alarm is rung (there are alarm boxes in all sections of the buildings) which operates a signal in the Superintendent's office. A special number is then sent out on the signal system which rings all over the buildings and is a signal to all head janitors to call the office and find out where the fire is.

ANNOUNCEMENT

C. Philip Titcomb, a clerk in the Bursar's Office, was married on October 6 to Miss Audrey Taylor in a ceremony held at the bride's home in Medford.

Fall Cross Country Schedule Announced

- Oct. 20—Rhode Island State (Varsity and Freshman) away.
Oct. 27—Quincy High School Freshman at Northeastern Varsity (Tentative) at Franklin Park.
Nov. 5—Holy Cross at Franklin Park. Varsity and Freshman.
Nov. 12—N. E. I. C. Cross Country Championships at Franklin Park. Varsity and Freshman.
Nov. 19—I. C. 4 A at Van Courtland Park, New York City. Varsity and Freshman.

FRESHMAN RACE OFF, COACH SELECTS CREW

Coaches Decide To Merge Crews To Produce Best Octette

As a result of a last minute change in plans, there will be no race between the two frosh crews as originally announced. The two coaches, after a brief conference, decided it would be foolish to race either Nashner's or Dunning's first crew, when a combination of the two could probably make better time than either one individually.

Accordingly, head freshman coach Dunning, Monday selected and began to drill the crew which will probably race Field Day. Dunning said that there would be perhaps one more change before the race Friday, but the crew will have no preliminary race.

Sophs Begin Practice

In the meantime, the Sophomores, represented by a crew containing six members of last season's freshman 150-pound crew and a seventh member who rowed last Field Day, have begun their practice in earnest. The Sophs started to race in a lapstreak last Friday and will continue practicing in it until the race. The Field Day race is held in lapstreaks, which are heavier and slower than the shells which are normally used in races, and it is necessary for the second year crew to re-acustom themselves to the slower craft.

The two crews which will row Field Day, barring changes, are:

Sophs—Cox, Warburton, 8-G. Young, 7—Wiggin, 6—McKay, 5—West, 4—Kiethley, 3—Rudy, 2—Burgin, 1—Brauer.
Frosh—Cox—Smith, 8—Draper, 7—Jenkins, 6—Glacken, 5—Dunlop, 4—Montgomery, 3—Weir, 2—Werner, 1—Schaeffer.

STUDENT F.E.R.A. WORKERS PROTEST 25% PAY CUT

(Continued from Page 1)

Two means of voicing protest were suggested—"by a telegram to H. L. Hopkins, Federal Administrator, followed by a letter stating our position in full; and a similar letter personally delivered by a delegation to J. P. Carney, State Administrator."

The meeting terminated with a resolution to meet next Saturday in the same room at one o'clock to further discuss the situation and adopt a definite plan of action.

Intercollegiates

Irvine Warburton, All-American grid star from Southern California has been rejected for a role in a forthcoming football picture because "he doesn't look like" a football player.
—The Tomahawk, Holy Cross.

Two-foot lengths of garden hose have been used this year in the sophomore-freshmen skirmishes at Worcester Polytechnic Institute. In comparison with ripe apples, according to the TECH NEWS, this weapon is "brutal."
—Rensselaer Polytechnic.

A co-ed at the University of Chicago was granted a master's degree after she submitted a thesis on "Four Ways to Wash Dishes," while Columbia went one step further and granted a Ph.D. to the author of a manuscript on "The Duties of a School Janitor."
—Armour Tech News.

SPORTS COMMENT

Touch football is the chief form of exercise for dormitory residents these days. Nearly every night groups ranging in numbers from four or five to twenty or more can be seen digging up the turf between the new units. It would take an adding machine to totalize the scores in most of the contests, particularly the one that took place last Saturday afternoon. Mr. Hartwell, Manager of the Dormitories, broke up the Sunday conflict just as the participants were getting well warmed up. Evidently Mr. Hartwell thought that Open House visitors would prefer not to be distracted by such an athletic attraction as a touch football game.

* * * * *

What spirit these Sophomore and freshman football players have! The two field day teams were actually going to put on a dress rehearsal this afternoon! Perhaps they thought the exercise would be too much for them for the two decided not to play each other until Friday. If they change their minds again before Field Day, they ought to be able to put on a real Alphonse and Gaston tea party Friday. But the best thing they can do is to forget the idea of practicing against each other, and just put on a good hot battle when they are supposed to clash.

* * * * *

Oscar Hedlund and his managers have a unique way of attempting to convince freshmen that they should take up track as their sport. Displayed in a prominent place in the new Field House is a placard with the inscription "Don't be a djill!" Beneath is the explanation of the admonition. It reads: "According to Webster the djill is an aromatic fruit, a member of the pickle family." To save oneself from being classed as such an animal the reader of the poster is advised to come out for track.

VARSITY SOCCER TEAM IS DEFEATED BY TUFTS

Team Hopes To Break Into Score Column Saturday

In spite of the fact that the soccer team played a bang-up game Saturday against Tufts, it lost by a score of 3-0. The jinx which has been following the team for over a year continued to hold its spell over the booters.

Since the Clark game of two years ago, the booters have not been able to score a single goal against any of their opponents. However, they did succeed in scoring two goals for their opponents. That is, members of the team deflected the ball into their own goal rather than that of their adversaries. These, of course, were accidents, but it was the only scoring they did last year.

If, however, the team can break this jinx and get into the score column again, the chances are it will come out of its doldrums and play the game of which it is capable.

Saturday, October 27, the team will play the Dartmouth team here at the Coop Field.

CORRECTION

In our issue of October 19 it was erroneously stated that Louis W. Pfanz, Jr., '35, had been elected Head Marshal of Field Day. Mr. Pfanz was approved as a marshal for Field Day. Walter H. Stockmayer, '35, president of the Senior Class is Head Marshal.

Approximately 31,300,000 persons are attending school in the United States at the present time.
—Rensselaer Polytechnic.

GOLF TOURNAMENT CLOSES ENTRY LIST

Seven Qualifiers Competing; Cowan Again Secured As Instructor

With the dead-line for the golf entries yesterday, only seven qualifying scores have been handed in. The time limit for the entries will not be extended in spite of so few participants. The following with their respective scores will compete for the championship of Technology and the trophy: N. A. Copeland, 82; H. Goodwin, 85; P. A. Vogle, 87; H. E. Prouty, 88; O. S. Wetterer, 93; W. F. Fallwell, 94; and C. D. Mersereau, 112.

This winter, instruction in golf will again be given by John Cowan in the basement of Building 2. Balls and clubs will probably be supplied. This opportunity is open to all students of Technology. Considering the favorable results of the team last year, and because all the varsity excepting Capt. Esslinger are back, the coming season is predicted to be a success. All those interested should notice the bulletins for the opening of winter practice. As was done last year, the Waltham Country Club will be used for the matches and spring practice.

Classified Advertising

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YEARLINGS FACE WEIGHT HANDICAP

Tug-of-war Teams Now In Final Work-outs; Freshman Attendance Low

When the freshman-Sophomore tug-of-war encounter gets under way on Field Day, it will be another David and Goliath battle. The Sophs have a great advantage in the matter of weight. The first-year men will have to produce much more spirit than has thus far been shown to overcome this handicap.

Coach Horner has called practice for the frosh every afternoon, but attendance has been very irregular. Consistent reporting during the next three days is essential if the freshmen expect to have the slightest chance of taking the event.

According to Otto Zwanzig, Sophomore coach, the contest is in the proverbial "bag". The Sophomore turnout exceeded all expectations, and the result is a heavy aggregation of rope-pullers who look capable of making the affair a very short one. They have been working out daily in preparation for the tussle.

Forgetful Frosh Take P. T. Even If Out For A Sport

Those unfortunate freshmen who are or will be out for some sport which is a recognized P. T. substitute, but who forgot to sign up at H. P. McCarthy's office before last Saturday noon will have to take Physical Training the entire term regardless of their participation in a sport. Mr. McCarthy stated Tuesday that the forgetful students will absolutely have to take P. T.

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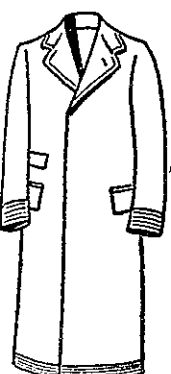


"Please tell women smokers more about Old Gold's throat-ease" says Claudette Colbert

CLAUDETTE COLBERT in Cecil B. De Mille's "CLEOPATRA," a Paramount Picture

THE ENGINEER DRESSES

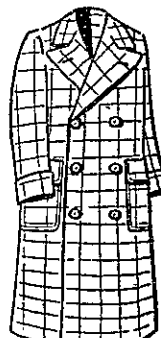
The covert cloth top coat carries the impression of a dressy type of apparel, while as a matter of fact its origination and early use was in the countryside. Its very name is indicative of its purpose which traditionally was for shooting and hunting. Perhaps nothing is smarter in conjunction with tweed or rough fabric suitings than this fabric made in a model with natural lines that give the appearance of ease and comfort. To this should be added a fly front and four rows of stitching at the bottom and cuffs. This latter detail originating as a protective measure at the wearing point, adds a certain look that is so desirable that its real purpose in life has been forgotten.



Incidentally, there's a new hat that follows closely the natural greyish, green, tan coloring of covert and is modeled in a tapered crown that is worn preferably without dents. The brim, however, is snapped in the more or less conventional manner. While we don't like matching too much, it is rather perfect when accompanying the covert top coat.



Because nothing has ever come along recently to even partially take the place of the well-known polo coat of camel hair, it is logical to assume that anything that would hope to usurp the position of the camel hair polo coat would have to stay pretty well within the limitations set by this most desired type of overcoat. Competing this year for favor with the camel's hair fabric, but adhering in every detail to the polo coat model are any number of smart overplaid and checked fabrics that have the texture, softness and comfort of camel's hair and yet inject a new and effective freshness which has already been received with much favor.



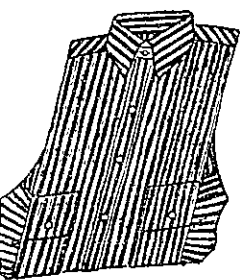
The one piece cap, which has a certain rakishness that is quite foreign from the gunman type, is again to be seen about in sufficient numbers to indicate a return to favor, and like more modern details of dress, its comfort and convenience recommend it highly when its shape is not so big that it looks like something built for W. C. Fields in a golfing act.



Stripes in neckwear have not only reached a new high in favor but look like they're going to thrust upward still further. For those who prefer stripes, and that seems to include everyone, but who are inclined to avoid the brilliant effects of clear stripings found in rep, there are the rougher surface weaves in these same stripings which subdue the colorings and give a most pleasing result. Incidentally this type of fabric has been a favorite with Englishmen who wear their stripes as a matter of tradition and the cloth itself takes its name from its source in Macclesfield, England.



Still much in favor in ssirtings are the deeper tone British stripings which are often made of very effective combinations of color that result in a pleasing blend and look well with almost any outfit. Talking about combinations of color, there is a new one coming along that is surprisingly smart although it is actually the absence of color by the use of two neutrals, namely brown and grey. Grey slacks with brown jackets, grey hose with brown buckskin shoes, grey shirts with brown suits are a few possibilities as well.



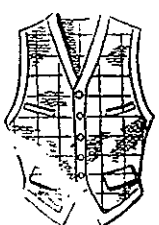
Mystery of "Dishpan Lab" is Solved by THE TECH'S Wandering Reporter

Find Chemical Engineers Thrive Midst Maze of Discarded Thesis Apparatus; Dishpans Used in Preparation of Chemicals; Industrial Plants Designed.

The mystery of the "dishpan" lab is solved. This lab, a small space on the first floor, between Buildings 2 and 4, which has always attracted the attention and excited the curiosity of the casual wanderer through the Institute, is so named because of the peculiar habit of the students there who use dishpans instead of beakers to mix their solutions.

The more mysterious attraction in the laboratory is the huge conglomeration of strange apparatus in a state of disarrangement on one side. If one is particularly acute, one may discern a long wind-tunnel. Inquiring further into the purpose of this, THE TECH reporter learned that it was a part of the thesis work of a senior several in the expectation that it may be of years ago and has been left standing some use in the future.

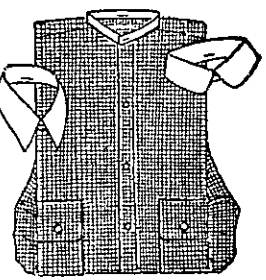
With the acceptance of the sleeveless slipovers for wear in place of a waistcoat, there is every reason to believe that the knitted waistcoat which has already been visible on the fashion horizon will come along in favor. Its most effective form follows in pattern the Tattersall check and features flaps on the lower pockets as well as smooth flat brass buttons.



Six and three ribbed hose gets that appellation from the fact that it is made with six stitches face up and 3 stitches face down but irrespective of what you call it, the fact remains that this construction in hose results in an elasticity that assures a close fit hose around the ankle, that stays put.



For those dresser moments there is no one detail of dress that so definitely turns the feeling of an outfit from country to town as the use of a white laundered collar. Not only is it of flattering benefit to the average man but it certainly does add in dressing up the whole picture. Worn with a colored shirt there results a decidedly interesting and correct effect.



Parallel to the wind-tunnel, one sees another long chute, made of galvanized metal, and covered with all kinds of instruments and recording graphs. This, it was learned, was constructed by Professor Thomas K. Sherwood to obtain statistics concerning the rates of drying of certain materials.

Industrial Models Used

Scattered around in the maze of discarded thesis apparatus, are machines for grinding, crushing, mixing, and separating; miniature models of those used by many chemical industries. At the far corner of the lab, and extending up from the basement, is an apparatus consisting of a distillery and rectifier column. This also has been constructed and used by students in fulfilling thesis requirements.

The wanderer, who by this time has acquired quite a diverse knowledge of chemical engineering principles, now crosses to the other side of the lab, only to find that it is partially hidden from view. However, the portion that is visible discloses a series of ordinary dishpans perched upon wooden tripods. If he cannot repress the curiosity which now seizes him, he may now enter to inspect the place, and, encountering genial Professor Harold C. Weber, learn much concerning the work of the eighty students who use the laboratory.

Design Manufacturing Plants

These students are enrolled in the course called Industrial Chemical Laboratory. The professor will tell you that "This subject deals with the initial steps in the investigation of the commercial potentialities of a new chemical process or of an old one concerning which adequate information is not available."

In solving each problem, the student must collect and interpret data and information which can be secured in an ordinary laboratory, operating on a moderate scale. He must then go further, and, upon the basis of the analysis he has made, estimate the commercial possibilities of the process and formulate recommendations as to the further steps which should be undertaken in its development.

Ingenuity and perspicacity come into play to a large extent, for the better students are those who observe and take every advantage of the data they have collected, such as the physical properties of the solutions, precipitates, and final products, before they finally submit the report upon the process and the plant, with plant layout and estimate of costs. In its final form, the report must also consider such items as labor, depreciation, interest, and insurance, thus requiring a thorough consideration of the problem.

As an example of the type of work engaged in, our wanderer may at present observe the embryo chemical engineers preparing high-purity sodium thiosulfate from impure sodium bisul-

TECH REPORTER LAYS CIGARETTES END TO END

(Continued from Page 1)

There are about 1,000 commuters at the Institute who, on the average, travel ten miles per day to and from school. There are over 180 school days per year counting final exams. Multiplying these three factors together, we find that 1,800,000 is the total mileage traveled by commuters in one year. This distance is equivalent to two and one-third times the distance from the earth to the moon.

Two hours is the average time spent daily by commuters in traveling to and from the Institute. One thousand commuters therefore spend a total of 360,000 hours each year traveling. This is equivalent to 15,000 days or 410 years.

It is safe to say that, while studying, the average student does work at the rate of one-thousandth of a horsepower. Assuming that the average time spent per week in study is 27 hours, we find that over 600,000 foot-pounds of work are expended at the Institute in one week in studying alone. Therefore, about 18 billion foot-pounds of work are done in studying each year. Taking 150 pounds as the average weight of the Institute's instructing staff (numbering roughly 600), we find the staff's total weight to be 90,000 pounds. Therefore, Institute students work hard enough studying to lift all professors, instructors, and directors a distance of 200 feet off the ground.

After mixing the solution in their dishpans, they neutralize it with sodium carbonate, thus producing sodium sulfite. They then boil this solution with sulphur again in their dishpans, thus yielding the final product.

Each student carries on the process under slightly different conditions according to his own ideas and then pools his data with that of the rest of the class, so that each has available the data of the whole class in preparing his final draft.

Technology Sleeps

On the average, Technology men sleep about seven hours out of each 24. Of course there are those who are so devoted to calculus and physics that they spend their nights integrating and deriving formulae but, on the other hand, there are also some who enjoy their sleep enough to get in more than the average amount.

Assuming this seven hour average, Technology sleeps 18,000 hours each day or about 3 1/4 million hours every year. Suppose that one man should take it upon himself to do all the sleeping at the Institute. He would have to sleep continuously, Rip Van Winkle style, for 374 years. In the year 2308 he would be just waking up.

Are We Too Leisurely

Allowing 54 hours per week for study and classes (this is more than estimated average in the Institute catalogue) and 49 hours each week for sleep, there will be 65 hours left for other things. A large part of this must be leisure, say about 40 hours. By means of a few rough calculations we find that Technology men have a total of 3,120,000 leisure hours per year. Seven hundred men taking leisure all the time could not use up that many hours in the school year.

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CALENDAR

Tuesday, October 23

5:00—Beaver Key Society Meeting, West Lounge, Walker Memorial.
 5:00—Glee Club Rehearsal, Room 10-250.
 5:00—Banjo Club Rehearsal, West Lounge, Walker Memorial.
 6:15—Naval Architectural Society Dinner Meeting, Captain Louis Shane, Speaker, Boston Yacht Club, Rowes Wharf, Boston.

Wednesday, October 24

2:00—Course VI-A Meeting, Room 10-275.
 4:00—Geological Society Conference Meeting, Dr. J. A. Sharpe, Speaker, Room 4-345.
 5:00—Orchestra Rehearsal, East Lounge, Walker Memorial.
 7:00—Faculty Club Dinner Dance, Walker Memorial.

Thursday, October 25

8:00—Theoretical Seminar, "Electronic Structure of Metals," Prof. J. C. Slater, Eastman Lecture Hall.
 4:00—Technology Catholic Club Open Discussion Meeting, Room 10-267.
 4:30—Physical Colloquium, "Research in X-Rays and Structure Determination," Prof. B. E. Warren; "Nuclear and High Voltage Research," Prof. R. J. Van de Graaff, Eastman Lecture Hall.
 5:00—Banjo Club Rehearsal, East Lounge, Walker Memorial.
 6:30—American Society of Refrigeration Engineers Dinner, Faculty Dining Room, Walker Memorial.
 6:30—Society of Industrial Engineers Dinner, Grill Room, Walker Memorial.

Friday, October 26

7:15—Field Day Crew Races on the Charles.
 1:15—Dedication of Barbour Field House.
 1:30—Field Day Events.
 9:00—Dormitory Dance, Walker Memorial.

FIELD DAY SPIRIT NOW APPROACHING A CLIMAX

(Continued from Page 1)

game. Finally the glove fight, the final contest, is scheduled for 4 o'clock.

Dedicate Field House

On Friday, classes will be suspended at the Institute at 12 o'clock. At 1:15 will be held the dedication ceremonies of the new Edmund Barbour Field House. Speakers at this time will be President Karl T. Compton, Professor Charles E. Locke, '96, for the Alumni Association, Allan W. Rowe, '01, in behalf of the Advisory Council on Athletics, and Walter H.

Stockmayer, '35, president of the Senior Class.

Dedication ceremonies as well as announcement of the Field Day events will be broadcasted to the new bleachers over a public address system.

Points for each of the Field Day contests will be as follows:

Event	Points
Football	4
Relay	3
Crew	3
Tug-of-war	2
Glove Fight	1

A majority of one point is needed to decide the winning class.

Bleachers from the inside of the Hangar Gym will be temporarily set

DRIVE CONTINUES AS T. C. A. FAILS GOAL

(Continued from Page 1)

commuters by a margin of almost \$300, while freshmen head the list of classes with a total of almost \$500.

The "aides", however, have by no means given up the fight, and will make the final day of the drive the most intensive of the entire campaign. Cason Rucker, '35, treasurer of the T.C.A., was quoted last night as saying: "We hope that the fellows will crash through and help us put the drive over."

Official figures as compiled by the drive organization last night show a decided decrease over last year's subscription. Last year "day before's" compilation showed a total of \$2018.

The figures by classes are as follows:

1935	\$327.00
1936	\$324.30
1937	\$316.50
1938	\$494.88
Grads	\$47.00

Other figures of interest are:

Fraternities	\$747.30
Dormitories	\$453.63
Commuters	\$308.75

Total \$1509.68

The average per capita contribution this year is so far \$1.94 as compared with \$2.31 last year.

up on the opposite side of the field from the new bleachers, in front of the rifle range, the roof of which has recently been reinforced to support any unexpected burdens. Spectators only will occupy the new section leaving the new ones for students.

Egg throwing will be conducted as usual but on the opposite side of the field from the new bleachers. There are rumors that one class has a monopoly of the egg supply. There are no indications however, as to which class has succeeded in cornering the market.

Freshmen Will Make Plans For Field Day at Meeting

With Field Day only three days away, the freshmen will hold their final mass meeting Wednesday at 5:00 o'clock in Room 5-330 to discuss plans for the impending battle. According to M. A. Kuryla, president of the Junior class and "guardian angel" of the freshmen, "it is absolutely essential that all freshmen attend this meeting to receive last instructions regarding Field Day events and rules."

Oscar Hedlund, track coach, Hoyt P. Steele, football coach, A. P. Hornor, tug-of-war coach, and Walter H. Stockmayer, president of the Senior class, will speak at the meeting.

BURDELL SPEAKS AT THE TECH'S BANQUET

(Continued from Page 1)

then mysterious Mr. Smith, the anonymous benefactor of the Institute, whose real name, George Eastman, was kept a secret for ten years. He also mentioned THE TECH's part in the campaign to get funds for the building program which the late President MacLaurin favored.

Volume 38 of THE TECH was published directly after the war, during which period many Technology customs originated. The origin of some of these customs was described by Professor Burdell.

Professor Frederick G. Fassett, Jr., of the English Department also gave a short talk at the dinner. R. L. Odiorne, '36, toastmaster, awarded a prize of five dollars for selling the most subscriptions of THE TECH to Sherman Rose, '37. August V. Mackro, '36, was awarded a book written by Willis J. Abbott, "Watching the World Go By," as a prize for the best story that appeared in the news columns in 1932.

ROWE TELLS PLANS FOR FOUR-TEAM BOAT RACE

(Continued from Page 1)

Haines gave a resume of his plans for this winter. He intends, he said, to look over the men individually, drilling into them fundamentals that make rowing an art. In the Spring he will organize the men into boat units.

Other speakers were: Coach of freshmen Al Dunning; Eliot Whitaker, '31; Coach of the 150's, Sid Nashner, and Johnny Westfall, '34.

Commodore Ed Lowenstein acted as toastmaster at the banquet, which was attended by 56 crew men. Prior to the banquet formal initiation of the following new members was held in the West Lounge: John P. Hayes, '36, Carbon C. Dubbs, '35, Cason Rucker, '35, Stanley M. Lane, '35, James A. Newman, Jr., '37, Robert H. Thorson, '37, Daniel J. O'Connor, '37, Chester C. Lawrence, '37, Norman A. Birch, '37, Wayne M. Pierce, '37, John R. Furguson, '37, and Arthur R. Hunt, '37.

PERCENTAGE OF FROSH OUT FOR SPORTS DROPS

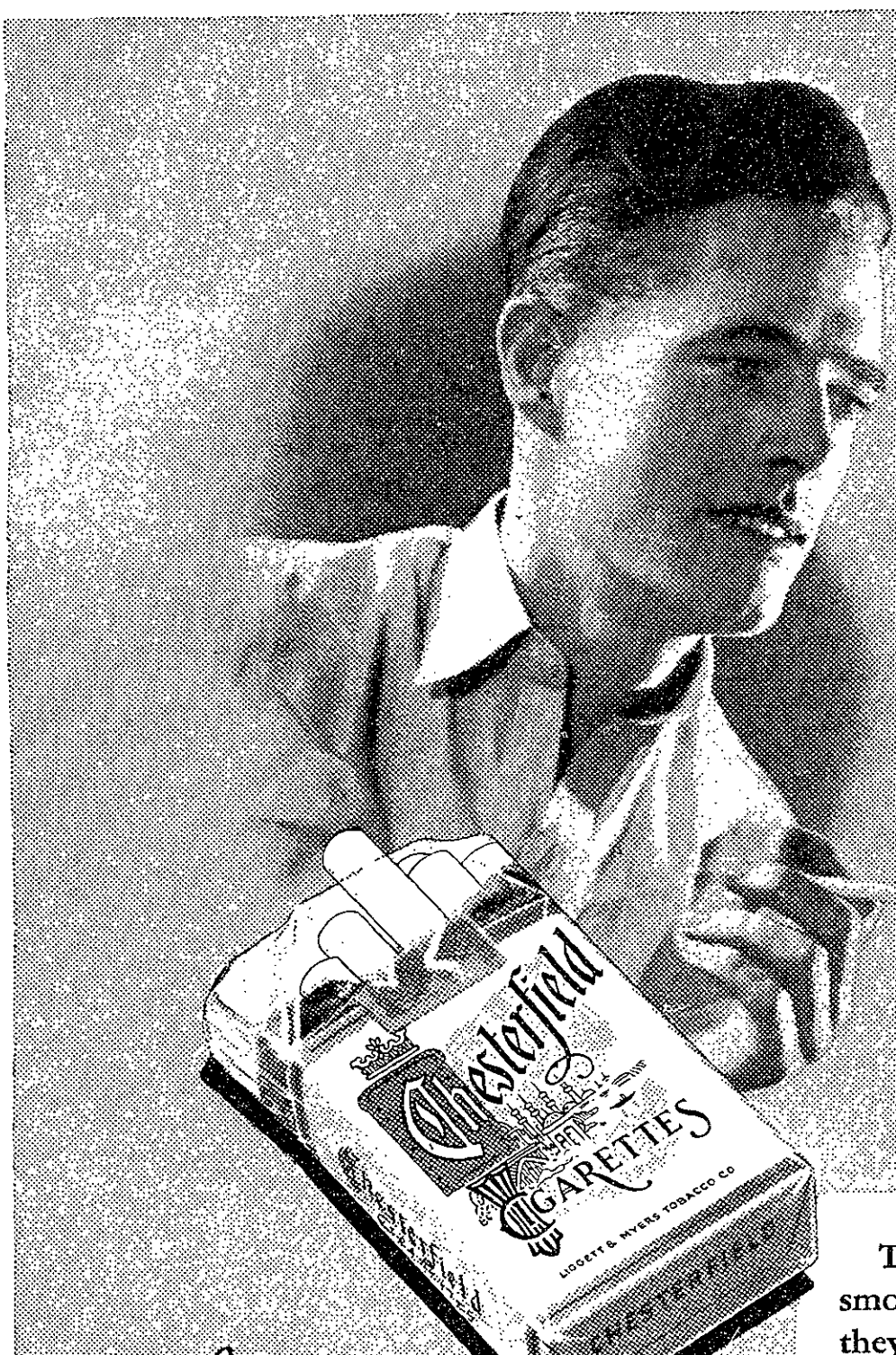
(Continued from Page 1)

seven to reach 59. The totals show 339 signed up this year against 326 last, but this increase is not as large, as the proportional increase in total enrollment.

The figures are as follows:

	1933	1934
Sport	24	12
Fencing	24	15
Wrestling	49	42
Swimming	46	67
Squash	53	59
Crew	62	68
Track	15	20
Gym	32	33
Basketball	22	23
Boxing		
Totals	326	339

After the banquet, the group divided into two parties, one of which visited the plant of the Boston Herald, and the other the Boston Globe.



I smoke a
 great many Chesterfields..
 morning, noon and night
 ..they are always the same

The Chesterfields you're
 smoking now are just like
 they were last year or any
 other year—because we al-
 ways buy the right tobaccos
 —uniformly ripe and mild.

On the air—

MONDAY	WEDNESDAY	SATURDAY
ROSA	NINO	GRETE
PONSELLE	MARTINI	STUECKGOLD
KOSTELANETZ ORCHESTRA AND CHORUS		
9 P. M. (E. S. T.)—COLUMBIA NETWORK		

Chesterfields are milder .. they taste better

